

**IP-Based Interactive Communications Workgroup**  
**Team Leaders: Sandy Cook, Bo Lowery, Rex Stidham**  
**Team Recorder: Tamela Smith**  
**June 13, 2007**

*Free-Flowing Thoughts/Suggestions/Ramblings...*

Recording system

Vision

Then, what missing

Grid – tech in our scope:

Define what each tech is...

Good place to start.

Looking at home user or educational user, academic institution, or workplace

Remote access to network included – strictly educational for KEN applications?

Lowest level, minimum standard to connect (home connection)

Break it into workable chunk – each could take all summer

Big picture – planning, not implementation. High-level, statewide implications – what can state do to help implement these objectives

Prioritization? What is nice, what is future?

What do we want in collaborative tools?

No impediments to communications. Transparent operation,

Let educators do what educators do well, teach. Technology should work well. Record at touch of button. URL pops up on screen. Plug and play.

Get technology out of process. It's magic. Virtually transparent.

Practicalities – and priorities.

Not just grant money, but sustainable.

Technology cheaper than people

Make it easy to do. – saying same thing several different ways.

Set of capabilities, how it ought to exist.

What we want:

A place I can go, website, pick collaborative tools, whether to record or not, when I want to schedule it and then done.

Schedule in outlook what class will do for term. Plug students in and goes to students. Futuristic. Learning experience for learning, no matter where located. - Sandy

Distance and time insensitive

Access - KSU

Access to connectivity.

Digital divide – Miko.

ConnectKY by November, affordable broadband coverage across state.

Industry - swing shifts, better education of workforce.

Require computer, require broadband?

Almost necessary to take class to have broadband.

Some assumptions to go forward – digital divide. – mike clark

Agree on plan for work – good conversation on vision, what we want it to be, some obstacles.

Good approach? Sandy.

4 or 5 to take notes and begin to draft plan for work centered around where we are on use of applications, where we want to go, and how we want to get there.

Begin to shape into plan, evolve at next meeting.

Future – what do we want? What do we see?

Vision – interactive, synchronous – can record, want repurposing of content, technology out there, ITV, desktop –

Vince: Educator - - make it as easy as a click.

Sandy: Need funds to support, plus support personnel.

Linda Miller – wait on specific tech, focus on end user – make it prime important focus, DSL for \$50, almost 2x at Paducah, - talk to faculty, some students can't get this, don't have the tools, unless go to central spot. Access-piece drives and shapes everything.

Miko – all work groups will have this. Undergirding for all recommendations. No matter how good the applications, inability for end user to access affordably, is a problem.

Bo – end user?

Miko – students more so than faculty. Still big topic. Common theme, put aside and focuses on charge.

? – Various end users – different expectations.

Miko – chunk into synchronous, asynchronous.

Vince – what is quality education? Standard levels?

Bo – K12, quality keep student attention, but on content, relative.

Sandy – quality of experience, technology customized delivery to whatever end user has. Don't direct educational experience to lowest level, go to highest level, pushes to end user.

Mike Clark – think beyond lowest common denominator.

Sandy – if we had what we really wanted – that is vision.

Linda – something to allow faculty to provide whatever they define as quality educational experience to students wherever they want it. Increase in students accessing contents in evenings. Faculty employ synch with asynch. Ability to deliver content wherever.

Bo – quality – tech, production, educational – broad areas. Any content would have synch and asynch capability. So could be taken advantage of by student.

Linda – any piece of content, maybe not, but need both.

Miko – some students prefer one over other.

Lee – some partners to approve certain content, copyright

Tamela – tech to assist faculty, international

Mike – assist, not impede.

Tamela – faculty driven, what can we do to help faculty?

Skype, im, ms, 1 to 1, 1 to 2, easy, kids use easy, but more difficult in ed.

Put on youtube and let them have it. Stream out there. Getting things down to student cell phone level. Other side – what will faculty expect? I2 conference, big screens, hd. a/v quality? What takes care of itself – stake out high ground. What can we seize here.

A lot outside of KEN, people at home – at work, not on KEN, outside of KEN scope.

KEN in a/v stuff using big bandwidth. That is the opportunity for KY, true international workforce collaboration – Toyotas, etc.

Linda - example?

NASA, classroom kids to telescope to Australia, engineer at Toyota Georgetown, throw on big screen quality a/v – Cisco, 5 years, HD TV taken for granted. What will become commodity? What are kids growing up with now?

Vince – watch in HD, but watch on small screen on bipod and that's good! Huge disparity in quality. Not talked about yet - ADA? Closed captioning?

Miko – one of 6 workgroups, assisted technology.

Vince – can't stream, unless in text so alternative way of providing content.

Mike – quality – context and expectation. Interesting. Broaden ways to get material, quality vs. convenience.

Sandy – future expectations – all have focused on. Rick's comments on telepresence. In same room. (Mike / Vince – have been in telepresence demos)

Mike – tech disappears. Virtually nothing between you and what you are looking at.

Sandy – digitally ----- room.

Education with differ modes of delivery.

Can help with student support services, advising part, for those who need to see/talk to someone. Synch with webex, goto meeting, opportunity to connect one-to-one or one-to-many. – meet students needs that aren't meet by asynch. Futuristic how to make easy as a click. Whether end user or faculty. Synch/asynch, customized to learner? Customize learning experience to learner.

Linda – more personalization holds greater disruptive potential for educators. How much further good from education standpoint, by crystal clear picture, and all looking at. How much fundamentally change how we do business. Elluminate, others, glitzy, shiny, huge appeal, ease of use, infrastructure. For viable use. Not only thing, higher-end, everyone together. Blusky very interesting. To get funding as state – work together to achieve.

Sandy – free low thoughts, get folks to burst out of how we think. Don't call it classroom, learning experience? Learning realm (from Vince) what should it look like? Intelligent technology to drive learning realm.

Intelligent technology to make vision of tech to handle switches, to make experience collaborative, seamless error free. So doesn't get in way.

Rex – elluminate or rumba, Polycom, make them communicate with each other. Each standard work with each other, then it is lost. Make all standards work together. Network growing, but somehow we as public that platforms work together. – can that happen?

Linda – not just tech, but users know how to use it.

Lee – perceived need? 100 years for telephone to make it as needed.  
Rural electrification, - may need to push.

Techs around and take it for granted. How fast adopt new things.

Vince – talking about quality inst delivered via distance. Educator all life – put class on-line in video, students learn better. Need to up standards. Video snagits, students watch, grades up 6% in virtual learning. Quality of dist learning – better.  
Teach faculty in virtual workshops. Retain for one month, better than 2-day.

Patsy – benefit students, can benefit faculty.

All part of lots of projects, partners, thinking about pulling resources instead of building silos. Develop platforms, tools leverage together.

Value in pulling in BlackBoard, ITV with Bb. One interesting concept Taiwan/Singapore, not practical for students to get together, virtual sense get together.

Shut down all schools, force teachers to do virtual for one week, pandemics, weather. Disaster recovery.

Additional resources. Leverage some partners out there.

Miko - Chunk it up.

Community, by applications, delivery mode, systematic and statewide approach.  
From very top – this platform, bb state license, for this platform – statewide license to overcome interoperability issues.

ITV – CVCN, setting standards,

Rex – definitely making progress.

Tamela – opportunity for rural, K12, - autopsies, zoos, museums,

Sandy – vision shared, shared objects,

Miko – tape but copyright. Learning repository. To reuse and share among ourselves.

Lee – content online, how often update, what happens when die?

Mike – existing barriers, resources, standards.

Miko – be able to make good case for applications. Make it easy for them to understand, engage them.

Lee – with KEN, only money for 60% with 100 mg connection to mpls cloud, rest 10mg, one got 250mg - tie in so everyone gets 250 mg pipe, i2, online tests, - considerations/

Sandy – equal access to resources.

Mike – would be good if bit rate irrelevant. Services important, get past limitations of tech, virtually unlimited bandwidth.

Miko – application drives vision.

Sandy – free flowing thoughts. Need to plan next meeting, will meet virtually.  
Goto meeting or illuminate, or ITV –

Sandy – 4/5 to work with Tamela, to put thoughts into categories for plan for work. Hit all 4 check marks. Organize in that way. Between now and next meeting – make priority to come back with one “way out there” vision – may need to research, futuristic way of collaboration, but easy and works, doesn’t get in way of collaboration.

Miko – go to website, read “Raising Mary.”  
Needs to be revised. Give input onto revising this. Should be updated.

Sandy – put on wikii and let world update.

Miko – use Raising Mary to determine how successful we are. Under resources - Raising Mary. (she will update most recent one.)

Sandy – easy way to communicate with legislators. Suggested reading for group on collaboration? – If come across something, email sandy to share with group.

Lee – new listserve?

Vince – threaded discussion?

Lee - listserve at UK, one for overall group. Can keep threaded discussion, or digest.

Miko – Bb community group. Everything there,

Lee – yahoo group

Bo – problem in K12.

Sandy – don’t want to say 5 yrs from now that have to create Bb account, when you have one at your school already.

Sandy – writing team? Tamela, Patsy, Vince, Bo, Rob Sprang, Phil Duvall and Rick.  
Mike Clark will look at note, and Sandy.

July 6 n- draft of discussion today formatted in plan of work, so continue on what we want to say, to get “arms around” what we want to do. Bo – matrix suggestion, to organize thoughts.

Mike – what deliverables are, and who we are targeting. If target is legislators.

Sandy – Tamela lead person on writing team? Okay?

Sandy – Bb community group, read and contribute it to next level Raising Mary. We will continue to think and research in Bb community group. Rich feedback.